Test Report
Concrete Compresive strength

	BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.
	Executive Engineer (Project-Yelahanka Zone)
	MCTPL/BBMP/Project Yelahanka Zone /PMC/2018-2019/W-1/01/QR
	M20 for Concrete
	Sri.C.N S.Murthy
	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
	Bay
	Concrete
	1
	9-Nov-2018

	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	7	7.46	150*150*150	2210.37	334.00	0.0225	14.84	14.62	14.76
2	20	7	7.50	150*150*150	2222.22	324.00	0.0225	14.40		
3	20	7	7.36	150*150*150	2180.74	329.00	0.0225	14.62		
4	20	7	7.65	150*150*150	2266.67	332.00	0.0225	14.76	14.89	
5	20	7	7.49	150*150*150	2219.26	339.00	0.0225	15.07		
6	20	7	7.46	150*150*150	2210.37	334.00	0.0225	14.84		

7-days Compressive strength of cement is 14.76 N/mm2

Note:

1. The results indicated above are based on the tests carried out on the sample at site.
2. The results relate only to the items tested.
3. This test report should not be reproduced except in full, without written approval of this laboratory.
4. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

Authorised Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Test Report

Concrete Compresive strength

Project Name	BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.
Client	Executive Engineer (Project-Yelahanka Zone)
Job No	MCTPL/BBMP/Project Yelahanka Zone /PMC/2018-2019/W-1/01/QR
Mix Type	M20 for Concrete
Contractor	Sri.C.N S.Murthy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	9-Nov-2018

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	7	6.89	150*150*150	2041.48	322	0.0225	14.31	14.09	14.22
2	20	7	6.93	150*150*150	2053.33	312	0.0225	13.87		
3	20	7	6.79	150*150*150	2011.85	317	0.0225	14.09		
4	20	7	7.08	150*150*150	2097.78	320	0.0225	14.22	14.36	
5	20	7	6.92	150*150*150	2050.37	327	0.0225	14.53		
6	20	7	6.89	150*150*150	2041.48	322	0.0225	14.31		

Results: 7-days Compressive strength of cement is 14.22 N/mm2

Note:

i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

Authorised Signature

Asst. Executive Enginee
Project Divisior
Yelahanka Zone
Bangalore

ACCAB Accredited QMS 1002
ISO 9001:2015 Quality Management System Certified Company

Test Report

Concrete Compresive strength

Project Name	BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.
Client	Executive Engineer (Project-Yelahanka Zone)
Job No	MCTPL/BBMP/Project Yelahanka Zone /PMC/2018-2019/W-1/01/QR
Mix Type	M20 for Concrete
Contractor	Sri.C.N S.Murthy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Condition	Bay
Material	Concrete
Sample No	1
Date	30-Nov-2018

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	28	8.52	150*150*150	2524.44	553.00	0.0225	24.58	24.67	24.87
2	20	28	8.55	150*150*150	2533.33	557.00	0.0225	24.76		
3	20	28	8.26	150*150*150	2447.41	555.00	0.0225	24.67		
4	20	28	8.40	150*150*150	2488.89	560.00	0.0225	24.89	25.08	
5	20	28	8.53	150*150*150	2527.41	566.00	0.0225	25.16		
6	20	28	8.30	150*150*150	2459.26	567.00	0.0225	25.20		

Results: 28-days Compressive strength of cement is 24.87 N/mm2

Note:

1. The results indicated above are based on the tests carried out on the sample at site.
2. The results relate only to the items tested.
3. This test report should not be reproduced except in full, without written approval of this laboratory.
4. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

Authorised Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Test Report

Concrete Compresive strength

Project Name	BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.
Client	Executive Engineer (Project-Yelahanka Zone)
Job No	MCTPL/BBMP/Project Yelahanka Zone /PMC/2018-2019/W-1/01/QR
Mix Type	M20 for Concrete
Contractor	Sri.C.N S.Murthy
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	2
Date	30-Nov-2018

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	28	7.95	150*150*150	2355.56	541.00	0.0225	24.04	24.13	24.34
2	20	28	7.98	150*150*150	2364.44	545.00	0.0225	24.22		
3	20	28	7.69	150*150*150	2278.52	543.00	0.0225	24.13		
4	20	28	7.83	150*150*150	2320.00	548.00	0.0225	24.36	24.55	
5	20	28	7.96	150*150*150	2358.52	554.00	0.0225	24.62		
6	20	28	7.73	150*150*150	2290.37	555.00	0.0225	24.67		

Results: 28-days Compressive strength of cement is 24.34 N/mm2

Note:

1. The results indicated above are based on the tests carried out on the sample at site.
2. The results relate only to the items tested.
3. This test report should not be reproduced except in full, without written approval of this laboratory.
4. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

Authorised Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Test Report
Brick

Project Name	BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.
Client	Executive Engineer (Project-Yelahanka Zone)
Job No	MCTPL/BBMP/Project Yelahanka Zone /PMC/2018-2019/W-1/01/QR
Contractor	Sri.C.N S.Murthy
Location	Bay
Material	Brick
Sample No	1
Date	5-Nov-2018

SL.NO	Failure Load in KN	CHARACTERISTIC COMPRESSIVE STRENGTH, fck , in, N/Sq.mm	AVG CHARACTERISTIC COMPRESSIVE STRENGTH, fck in N/Sq.mm	REMARKS
1	477	5.89	5.90	
2	479	5.9		
3	485	5.91		

Results: Compressive strength of Brick is 5.90 N/mm2

Note:

i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

For **Mecadez Core Technologies Private Limited**

Authorised Signature

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore